



STEM DIVISION MATH EDUCATION

— FOUR-YEAR PLAN —

ABOUT

The Math Education major at SNU equips students with mathematical knowledge and practical teaching experience to make them effective math teachers. The degree program starts with the Calculus sequence and introductory education courses, followed by required upper-division courses in both math and education. In their final year, students complete a capstone math research project and one semester of student teaching. There are many opportunities beyond the curriculum including working as an on-campus math tutor or volunteering with a church-based tutoring program.

Students regularly participate in international math competitions and attend regional math conferences. During the summer, selected freshman and sophomore students can participate in a paid summer research experience. Our graduates have little trouble finding employment after graduation. Math education majors make a difference in their students' lives by giving them the knowledge needed for responsible citizenship in the 21st century.



DEGREE PLAN

***The courses listed are for this specific program and are in addition to the general education courses required for all students. See the reverse side or go to snu.edu/gen-ed for more information on those courses.*

YEAR 1

Calculus I
Calculus II
Intro to Computer Science I
Introduction to Education
Foundations of Education

YEAR 2

Calculus III
Linear Algebra
Number Theory
Educational Technology
Educational Psychology
Developmental Psychology Across the Lifespan

YEAR 3

Probability & Statistics I
Geometry I
History of Math
Junior Colloquium in Mathematics
Methods in Secondary Math Education

YEAR 4

Geometry II
Discrete Math Structures
Intro to Modern Algebra
Mathematics Seminar
Senior Research in Mathematics
Professional Decision Making
Student Teaching I
Student Teaching II



GENERAL EDUCATION

General Education forms the foundation of every student's academic journey at SNU. As a Christian liberal arts university, we are committed to equipping students with the knowledge, values, and skills essential for their development as both thoughtful Christians and engaged community leaders. Our General Education curriculum is intentionally designed to be both comprehensive and flexible—allowing students to pursue their individual interests while ensuring they graduate prepared for lifelong learning, service, and growth.

The General Education program consists of approximately 51 credit hours that introduce and develop important skills such as the:

- Importance of thinking critically and solving problems
- Ability to communicate effectively
- Appreciation of human creativity
- Importance of science and technology in the 21st century
- Power of social responsibility in our community
- Awareness of global diversity
- Role of our Christian faith in daily life

Students take at least one foundational course and one upper-level windows course in each of these areas.

Central to SNU's mission is the engagement of students in transformational learning experiences designed to explore what it means to seek truth together with a Christ-centered community of scholars.

YEAR 1

- Composition I & Composition II
- Introduction to Speech
- A foundation course in Social Responsibility
- A foundation course in Science & Technology
- Christian Faith & Life

YEAR 2

- Modern World
- Aesthetics
- A foundation course in Critical Thinking & Problem Solving
- Old Testament or New Testament Literature & Life

YEAR 3

- A windows course in Social Responsibility
- A windows course in Effective Communication
- A windows course in Science & Technology
- A windows course in Critical Thinking & Problem Solving

YEAR 4

- A windows course in Global Perspectives
- A windows course in Artistic Expression
- Foundations of Christian Belief